

Practicum in Manufacturing



Prerequisite: Welding II OR Precision Metal Manufacturing II

Course: 1822CA/1822CB **Credits:** 2 **Length:** 36 weeks

Placement: 12

Course Description

Practicum in Manufacturing is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the manufacturing cluster.

Student Activities

Students will be instructed in advanced skills in the following areas:

- Shielded Metal Arc Welding (SMAW)
- Gas Metal Arc Welding (GMAW)
- Flux Cored Arc welding (FCAW)
- Gas Tungsten Arc Welding (GTAW)
- Plasma cutting
- Project design and fabrication
- Working individually and in groups
- Employability and careers in Manufacturing

Additional Considerations

Students must provide their own transportation and complete independent internship. If seeking certification, curriculum cannot be modified.

Organizations/After School/Competition



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